CLAIMS

What Is Claimed Is:

shaft; and

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1. An endosseous dental implant, comprising:

a shaft made from a biocompatible material, said shaft having a distal end and a proximal end;

an abutment-implant interface disposed towards the proximal end of said

a bone-tissue apposition surface configured to approximate the physiological contours of naturally occurring bone-tissue morphology.

- 2. The endosseous dental implant according to Claim 1, wherein said bone-tissue apposition surface has a scalloped appearance.
- 3. The endosseous dental implant according to Claim 2, wherein the highest points of said bone-tissue apposition surface substantially aligns with the interproximal areas of the bone-tissue, and wherein the lowest points of said bone-tissue apposition surface substantially aligns with the buccal and lingual area of the bone-tissue.
- 4. The endosseous dental implant according to Claim 1 further comprising:
 a soft-tissue apposition surface configured to approximate the physiological contours of naturally occurring soft-tissue morphology.
- 5. The endosseous dental implant according to Claim 1 further comprising: a means for connecting an abutment to said abutment-implant interface for use in a two-stage procedure.
- 6. The endosseous dental implant according to Claim 5, wherein said abutment-implant interface has a substantially planar upper surface approximately 90° to the longitudinal axis of said shaft, and wherein said planar upper surface substantially surrounds said means for connecting.
- 7. The endosseous dental implant according to Claim 5, wherein said abutment-implant interface has a contoured upper surface, and wherein said contoured upper surface substantially surrounds said means for connecting.

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- 8. The endosseous dental implant according to Claim 7, wherein a lower surface of the abutment substantially abuts against said contoured upper surface, thereby providing improved lateral support.
- 9. The endosseous dental implant according to Claim 1, further comprising: an abutment permanently attached to said abutment-implant interface for use in a one-stage procedure.

10. The endosseous dental implant according to Claim 9, wherein said shaft and said abutment are constructed from a single piece of material.

- 11. The endosseous dental implant according to Claim 9, wherein said abutment has a substantially planar upper surface approximately 90° to the longitudinal axis of said shaft and wherein said planar upper surface substantially surrounds a chimney.
- 12. The endosseous dental implant according to Claim 9, wherein said abutment has a contoured upper surface and wherein said contoured upper surface substantially surrounds a chimney.
 - 13. A two-stage endosseous dental implant, comprising:
 a shaft made from a biocompatible material, said shaft having a distal end and a proximal end;
- an abutment-implant interface disposed towards the proximal end of said shaft;
 - a bone-tissue apposition surface configured to approximate the physiological contours of naturally occurring bone-tissue morphology; and
 - a means for connecting an abutment to said abutment-implant interface.
 - 14. The two-stage endosseous dental implant according to Claim 13, wherein said abutment-implant interface has a substantially planar upper surface approximately 90° to the longitudinal axis of said shaft, and wherein said planar upper surface substantially surrounds said means for connecting.

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- 15. The two-stage endosseous dental implant according to Claim 13, wherein said abutment-implant interface has a contoured upper surface and wherein said contoured upper surface substantially surrounds said means for connecting.
- 16. A one-stage endosseous dental implant, comprising:
 a shaft made from a biocompatible material, said shaft having a distal end and a proximal end;

a bone-tissue apposition surface configured to approximate the physiological contours of naturally occurring bone-tissue morphology; and

an abutment permanently attached to the proximal end of said shaft.

- 17. The one-stage endosseous dental implant according to Claim 16, wherein said abutment has a substantially planar upper surface approximately 90° to the longitudinal axis of said shaft, and wherein said planar upper surface substantially surrounds a chimney.
- 18. The one-stage endosseous dental implant according to Claim 16, wherein said abutment has a contoured upper surface and wherein said contoured upper surface substantially surrounds a chimney.
- 19. A two-stage endosseous dental implant system, comprising:
 a shaft made from a biocompatible material, said shaft having a distal end and a proximal end;

a bone-tissue apposition surface configured to approximate the physiological contours of naturally occurring bone-tissue morphology;

an abutment-implant interface disposed towards the proximal end of said shaft;

an abutment configured to attach to said abutment-implant interface; a means for connecting said abutment to said abutment-implant interface;

and

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a crown having a distal end configured to fit over said abutment.

20. The two-stage endosseous dental implant system according to Claim 19, wherein said abutment-implant interface has a substantially planar upper surface substantially surrounding said means for connecting, and wherein said upper planar surface is approximately 90° to the longitudinal axis of said shaft.

- 21. The two-stage endosseous dental implant system according to Claim 20, wherein said abutment has a substantially planar upper abutment-crown interface surface.
- The two-stage endosseous dental implant system according to Claim 20, wherein said abutment has a contoured upper abutment-crown interface surface substantially surrounding a chimney, and wherein the distal end of said crown is configured such that at least the outside surface of said crown extends to and follows the contours of upper abutment-crown interface and or the contours of said abutment-implant interface, thereby providing a narrow depth between the distal end of said crown and naturally occurring bone-tissue morphology.
- 23. The two-stage endosseous dental implant system according to Claim 20, wherein said abutment-implant interface has a contoured upper surface substantially surrounding said means for connecting, and said contoured upper surface approximately matches the contour of the natural bone morphology, and wherein said abutment has a lower surface configured to substantially abut said contoured upper surface.
- 24. The two-stage endosseous dental implant system according to Claim 23, wherein said abutment has a substantially planar upper abutment-crown interface surface.
- The two-stage endosseous dental implant system according to Claim 23, wherein said abutment has a contoured upper abutment-crown interface surface substantially surrounding a chimney, and wherein the distal end of said crown is configured such that at least the outside surface of said crown extends to and follows the contours of upper abutment-crown interface and/or the contours of said abutment-implant interface, thereby providing a narrow depth between the distal end of said crown and naturally occurring bonetissue morphology.
- 26. A one-stage endosseous dental implant system, comprising:
 a shaft made from a biocompatible material, said shaft having a distal end and a proximal end;
 - a bone-tissue apposition surface configured to approximate the physiological contours of naturally occurring bone-tissue morphology;
- an abutment securely attached to the proximal end of said shaft; and

a crown having a distal end configured to secure to said abutment.

- 27. The one-stage endosseous dental implant system according to Claim 26, wherein said abutment has a substantially planar upper surface substantially surrounding a chimney, and wherein said upper planar surface is approximately 90° to the longitudinal axis of said shaft.
- 28. The one-stage endosseous dental implant system according to Claim 26, wherein said abutment has a contoured upper surface substantially surrounding a chimney, and wherein said contoured upper surface approximately matches the contour of naturally occurring bone-tissue morphology.
- 29. The one-stage endosseous dental implant system according to Claim 28, wherein the distal end-of said crown is configured such that at least the outside surface of said crown extends to and follows the contours of said contoured upper surface, thereby providing a narrow depth between the distal end of said crown and the naturally occurring bone level.

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